

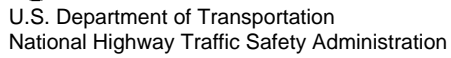


COLLISION MEASUREMENT TABLE

Primary Sampling Unit Number ____

Case Number – Stratum ____

COLLISION DIAGRAM		CRASH DATA																																														
<u>Document the Physical Plant:</u> <ul style="list-style-type: none">All road/roadway delineation (e.g., curbs/edge lines, lane markings, median, markings, pavement markings, parked vehicles, associated non-contact vehicles, poles, signs, etc.)All traffic controls (e.g., signs /signals, etc.North arrow placed on diagramRoadway surface type and condition of applicable roadwaysGrade measurements for all applicable roadways and at location of rollover initiationRoadway curvature measured at apex of curve (include precrash superelevation measurements for each vehicle if applicable)	<u>Document Vehicle Dynamics Including:</u> <ul style="list-style-type: none">Reference point and Reference line relative to physical features at the sceneScaled documentation of all crash induced physical evidenceScaled documentation of all roadside objects contactedScaled representations of the vehicle(s) at pre-impact, impact, and final rest based upon either:<ul style="list-style-type: none">a. Physical evidence, orb. Reconstructed crash dynamics	<u>Record the Following:</u> <table border="1"><thead><tr><th></th><th>Veh. #1</th><th>Veh. #2</th><th>Veh. #3</th></tr></thead><tbody><tr><td>Surface Type</td><td>_____</td><td>_____</td><td>_____</td></tr><tr><td>Surface Condition</td><td>_____</td><td>_____</td><td>_____</td></tr><tr><td>Coefficient of Friction</td><td>_____</td><td>_____</td><td>_____</td></tr><tr><td>Grade (v/h) measurement (at pre-crash location)</td><td>_____</td><td>_____</td><td>_____</td></tr><tr><td>Grade (v/h) measurement (between Impact & FRP)</td><td>_____</td><td>_____</td><td>_____</td></tr><tr><td>Grade (v/h) measurement (at rollover initiation)</td><td>_____</td><td>_____</td><td>_____</td></tr><tr><td colspan="4"><u>Measure for Roadway Curvature only</u></td></tr><tr><td>Superelevation (v/h)</td><td>_____</td><td>_____</td><td>_____</td></tr><tr><td>Chord</td><td>_____</td><td>_____</td><td>_____</td></tr><tr><td>Middle ordinate</td><td>_____</td><td>_____</td><td>_____</td></tr></tbody></table>		Veh. #1	Veh. #2	Veh. #3	Surface Type	_____	_____	_____	Surface Condition	_____	_____	_____	Coefficient of Friction	_____	_____	_____	Grade (v/h) measurement (at pre-crash location)	_____	_____	_____	Grade (v/h) measurement (between Impact & FRP)	_____	_____	_____	Grade (v/h) measurement (at rollover initiation)	_____	_____	_____	<u>Measure for Roadway Curvature only</u>				Superelevation (v/h)	_____	_____	_____	Chord	_____	_____	_____	Middle ordinate	_____	_____	_____		
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Reference Point: _____		Reference Line: _____																																														
Item	Distance and Direction From Reference Point	Distance and Direction From Reference Line																																														



National Automotive Sampling System
National Motor Vehicle Crash Causation Survey

HS Form 431A (6/2005)